# **CROP WEATHER** REPORT

Issue: 05-05 (ISSN 0896-4734)

Released: 2:00 p.m., MST, April 11, 2005

For Week Ending: April 10, 2005

MONTANA AGRICULTURAL STATISTICS SERVICE

10 W 15th St Suite 3100 Helena, MT 59626-0033 (406) 441-1240 or 1-800-835-2612 www.nass.usda.gov/mt/ nass-mt@nass.usda.gov

# **Agricultural Summary**

ISSUED:

WEEKLY:

MONTHLY: Nov-Mar

Apr-Oct

There were 5.0 days suitable for field work during the week. Currently, field work is 14% well underway, 29% just started and 57% haven't started spring field tillage work yet.

Most of Montana encountered high temperatures from the mid to upper 70 's. Glendive and Sidney were tied for the high temperature during the week at 87 degrees. The lows for the State were mainly in the mid 20 's. Wisdom had the low temperature of 17 degrees. There was moderate to heavy precipitation during the week in some areas. The wet spot for the State last week was Roundup with 1.55 inches of moisture.

According to the Natural Resource Conservation Service, Montana received 9% above average precipitation for the month of March. Mountain snow-pack increased an average of 7% during March, however, 8 of 15 major river basins tied or set new record low snow-pack levels on April 1. As of April 1, mountain snow water contents statewide were 60 percent of average and 76 percent of last year. Statewide stream flow forecasts average 46 to 56 percent of average.

The weather outlook for the week of April 11 thru 17 is for below normal temperatures and near to above normal precipitation for the State.

#### **Soil Moisture Condition Table**

	This	Last	Last	5 Yr
	Week	Week	Year	Ave
Topsoil Moisture				
Very Short	17	29	25	17
Short	33	34	28	33
Adequate	47	32	43	45
Surplus	3	5	4	5
Subsoil Moisture				
Very Short	40	53	28	32
Short	36	30	35	37
Adequate	23	16	36	30
Surplus	1	1	1	1

#### Field Work Table

	This Week	Last Week	Last Year	5 Yr Ave
Days Suitable for Field W	ork			
Days	5.0	4.3	5.7	3.7
Field Tillage Work in Pro	gress			
None	57	78	31	61
Just Started	29	14	34	23
Well Underway	14	8	35	16

#### **Field Crops Report**

The State received moderate to heavy precipitation in selected areas. Winter wheat is mostly out of dormancy with 6 percent still dormant which is still behind last year's 2 percent. Winter wheat conditions improved slightly from last week. Small grain planting is underway in selected areas and is behind last year's crop progress.

## **Crop Condition Table**

	This	Last	Last	5 Yr
	Week	Week	Year	Ave
Winter Wheat - Co	ondition			
Very Poor	2	4	7	9
Poor	7	9	12	16
Fair	33	45	37	40
Good	47	33	40	31
Excellent	11	9	4	4

## **Crop Progress Table**

	This	Last	Last	5 Yr
	Week	Week	Year	Ave
Winter Wheat - Spring Sta	ages			
Still Dormant	6	15	2	22
Greening	53	63	35	43
Green and Growing	41	22	63	35
Barley				
Planted	11	9	31	12
Oats				
Planted	7	3	9	4
Spring Wheat				
Planted	6	2	11	5

# **Livestock Report**

Seventy-six percent of the pastures are open for grazing compared to last year's rating of 66 percent open. Calving and lambing are 72 percent and 57 percent complete, respectively, compared to last year's 72 percent for cattle and 49 percent for

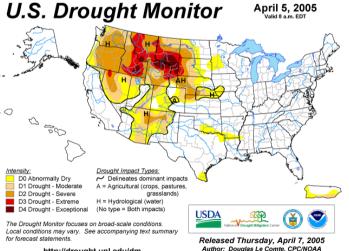
#### **Range and Pasture Feed Condition**

	This Week	Last Week	Last Year	5 Yr Ave					
Very Poor	22	25	15	n/a					
Poor	34	39	25	n/a					
Fair	30	24	38	n/a					
Good	12	10	19	n/a					
Excellent	2	2	3	n/a					

#### Livestock Table

	This Week	Last Week	Last Year	5 Yr Ave
Livestock Grazing	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Open	76	87	65	n/a
Difficult	9	5	8	n/a
Closed	15	8	27	n/a
Receiving Supplemental Fo	eed			
Cattle	90	91	86	92
Sheep and Lambs	85	85	77	89
Calving Completed	72	64	72	74
Lambing Completed	57	51	49	52

# U.S. Drought Monitor



Weather Information Table For Week Ending 6:00 p.m. MDT, April 9, 2005 1/

				naing (	<u>o:vv p.m.</u>	MDT, Ap	<u> 11 9, 200</u>	<u> </u>		
	TEM	IPERATU AST WEE	JRE				RECIPITA			_
STATION	1			Past		I 1, 2005 to Da			per 1, 2004 to	Date
	High	Low	Avg.	Week	Total 2/	Normal 3/	. %	Total 2/	Normal 3/	. %
		Degrees		ln.	Ind	ches	Normal	Inc	hes	Normal
NORTHWEST		ľ								1
Drummond Hamilton Kalispell Libby Missoula Polson Superior	75 76 68 M 72 62 72 M	21 29 24 M 26 29	44 48 42 M 45 44	0.08 0.29 0.25 M 0.26 0.41 0.14	0.08 0.29 0.25 M 0.27 0.41 0.27	0.29 0.32 0.37 M 0.33 0.40 0.36	28 91 68 M 82 103	2.59 3.71 5.59 M 3.34 4.97 4.89	4.80 6.23 8.16 M 6.06 6.83 8.67	54 60 69 M 55 73 56
Thompson Falls West Glacier	68	M 25	M 44	M 0.21	M 0.22	M 0.53	M 42	M 17.16	M 16.10	M 107
NORTH CENTRAL	ļ	Į.					· ·			Į.
Chester Choteau Conrad Cut Bank Ft. Benton Gold Butte Harlem Havre Malta Shelby Turner Valier	77 75 M 76 79 77 83 83 78 77 78	22 27 M 26 27 23 22 25 29 25 30 28	49 47 M 45 50 47 49 52 47 49	0.00 M M 0.01 0.04 0.00 1.33 0.31 0.12 0.00 0.05 0.00	0.00 M M 0.01 0.04 0.00 1.33 0.31 0.12 0.00 0.05	0.21 M M 0.27 0.36 0.33 0.22 0.26 0.27 0.23 0.16 0.28	0 M 4 11 0 605 119 44 0 31	2.22 M M 1.28 3.75 3.05 4.05 1.90 2.49 3.27 2.13 2.09	2.59 M M 2.71 4.01 3.45 2.68 3.37 3.22 2.76 2.41 2.59	M M 47 94
NORTHEAST	13	20	41	0.00	0.00	0.20	U	2.03	2.09	01
Culbertson Glasgow Glendive Jordan Plentywood Scobey Sidney Wolf Point CENTRAL	85 81 87 78 82 84 87 84	27 32 33 27 25 22 31 27	56 53 59 49 53 52 59 54	0.00 0.81 0.19 0.70 M 0.00 0.00 0.25	0.00 0.81 0.19 0.70 M 0.00 0.00 0.25	0.27 0.23 0.35 0.29 M 0.25 0.32 0.24	0 352 54 241 M 0 0 104	2.26 2.95 3.70 2.59 M 1.81 3.27 1.09	2.95 2.78 3.55 3.60 M 2.51 3.79 2.88	104 72 M 72 86
Cascade Flatwillow Great Falls Harlowton Helena Lewistown Melstone Roundup Stanford White Sulphur Spr	73 M 76 73 76 75 M 80 76	25 M 31 22 28 28 M 25 25 29	46 M 49 47 47 46 M 49 48	0.00 M 0.04 0.01 0.33 M 1.55 0.00	0.00 M 0.04 0.04 0.01 0.33 M 1.55 0.00	0.36 M 0.42 0.39 0.27 0.41 M 0.38 0.46 0.35	0 M 10 10 4 80 M 408 0 0	4.38 M 2.79 2.50 2.06 3.52 M 4.93 3.63 2.17	3.87 M 4.81 3.74 3.40 5.66 M 3.64 4.90 3.94	113 M 58 67 61 62 M 135 74
SOUTHWEST								1		
Anaconda Belgrade Bozeman MSU Butte Dillon Ennis Wisdom	73 73 75 68 67 70 67	29 25 27 24 22 30 17	45 44 47 40 42 46 41	0.09 0.55 0.85 0.09 0.56 0.50 0.15	0.09 0.55 0.85 0.09 0.56 0.50	0.35 0.42 0.62 0.31 0.37 0.39 0.29	26 131 137 29 151 128 52	3.85 3.63 6.35 1.87 2.24 3.33 2.58	4.74 5.07 7.06 4.06 3.24 4.28 4.34	46 69 78
SOUTH CENTRAL		22		0.50	0.50	2.52	4.4.0	0.00		
Billings Gardiner Hardin Livingston Rapelje Red Lodge	77 70 78 74 71 68	33 30 30 24 30 34	51 47 53 46 49 47	0.58 0.10 1.00 0.56 M 0.28	0.58 0.10 1.00 0.56 M 0.28	0.52 0.18 0.41 0.47 M 0.86	112 56 244 119 M 33	3.69 3.62 3.62 4.38 M 6.14	5.71 3.35 4.40 4.94 M 10.05	82 89 M
SOUTHEAST	Т	Г		1			1			
Baker Broadus Ekalaka Miles City	82 82 77 83	28 30 29 32	53 56 55 53	0.37 0.42 0.40 0.47	0.37 0.42 0.40 0.47	0.42 0.47 0.56 0.42	88 89 71 112	3.83 2.73 4.01 2.90	4.16 4.57 5.42 3.94	60

<sup>1/</sup> Data from National Weather Service. 2/ May be revised weekly. 3/ For period 1971-2000. M-More than 25% of reporting days are missing.
Peggy Stringer, Stephen Brueske, Meteorologist-in-Charge Dr. Douglas L. Steele, Director of Extension National Weather Service - (406) 453-2081 Montana State University